

## HDC CM HV 3 MC

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The CM 3 HV module is an additional trend-setting expansion of the CM3 module line.

The CM 3 HV module is assembled with crimp contacts.

The crimp contact features a stainless steel spring. The provides a secure snap-in contact with the module.

A customized contact removal tool is available for removing the contacts.

The power modules can be ordered with or without the integrated module release aid. A removal tool is available for modules that do not have the integrated module release aid.

### General ordering data

Version	Heavy-duty connectors, HDC insert, ConCept module
Order No.	<a href="#">1862080000</a>
Type	HDC CM HV 3 MC
GTIN (EAN)	4032248425518
Qty.	10 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

Depth	34 mm	Depth (inches)	1.3386 inch
Height	43.5 mm	Height (inches)	1.7126 inch
Width	11.4 mm	Width (inches)	0.4488 inch
Net weight	8.3 g		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

## ConCept Pneumatic module

UL 94 flammability rating	V-0	Colour	beige
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## Dimensions

Width	11.4 mm	Total length base	34 mm
Height of plug	43.5 mm		

## General data

Number of poles	3	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤1 mΩ
Colour	beige	Insulation resistance	1012 Ω
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Type	Pin
Surge voltage category	III	Pollution severity	3
Basic material	Polycarbonate, glass fibre reinforced	Series	ConCept module
Rated voltage (DIN EN 61984)	1000 V	Rated impulse voltage (DIN EN 61984)	8 kV
Rated current (DIN EN 61984)	57 A	Free from halogens	false
Low smoke acc. DIN EN 45545-2	Yes		

## Connection data PE

Connection type PE	Screw connection via module frame
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## Version

Wire connection cross section AWG, max.	AWG 7	Stripping length, rated connection	10 mm
Type of connection	Crimp connection	Volume resistance	≤1 mΩ

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**Technical data**

Wire connection cross section AWG, min.	AWG 16	Conductor cross-section, max.	10 mm <sup>2</sup>
Conductor cross-section, min.	1.5 mm <sup>2</sup>	Basic material	Polycarbonate, glass fibre reinforced

**Classifications**

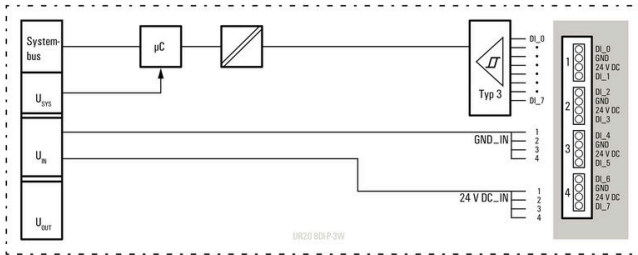
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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Drawings

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## Accessories

### Modul removal tool



Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

#### General ordering data

Type	HDC-DW-MOD	Version	
Order No.	<a href="#">1688200000</a>	Tool miscellaneous, Contact Removal Tool	
GTIN (EAN)	4008190857189		
Qty.	1 ST		

### Crimping tools



Crimping tools for turned contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

#### General ordering data

Type	CTX CM 1.6/2.5	Version	
Order No.	<a href="#">9018490000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 4mm <sup>2</sup> , W crimp	
GTIN (EAN)	4008190884598		
Qty.	1 ST		
Type	CTX CM 3.6	Version	
Order No.	<a href="#">9018480000</a>	Pressing tool, Crimping tool for contacts, 4mm <sup>2</sup> , 10mm <sup>2</sup> , W crimp	
GTIN (EAN)	4008190884581		
Qty.	1 ST		

### Contact removal tools



Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

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## Accessories

## General ordering data

Type	REMOVAL TOOL CM 3	Version	
Order No.	<a href="#">1866710000</a>	Tools, Contact Removal Tool	
GTIN (EAN)	4032248437030		
Qty.	1 ST		

## Crimp contacts CM3



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

## General ordering data

Type	HDC-C-M3-SM1.5AG	Version	
Order No.	<a href="#">1698120000</a>	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-section, max.: 1.5, turned, Copper alloy	
GTIN (EAN)	4008190885038		
Qty.	100 ST		
Type	HDC-C-M3-SM2.5AG	Version	
Order No.	<a href="#">1698140000</a>	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-section, max.: 2.5, turned, Copper alloy	
GTIN (EAN)	4008190885052		
Qty.	100 ST		
Type	HDC-C-M3-SM4.0AG	Version	
Order No.	<a href="#">1682260000</a>	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-section, max.: 4, turned, Copper alloy	
GTIN (EAN)	4008190473990		
Qty.	100 ST		
Type	HDC-C-M3-SM6.0AG	Version	
Order No.	<a href="#">1682280000</a>	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-section, max.: 6, turned, Copper alloy	
GTIN (EAN)	4008190474010		
Qty.	100 ST		
Type	HDC-C-M3-SM10.0AG	Version	
Order No.	<a href="#">1682300000</a>	Heavy-duty connectors, Crimp contact, CM 3, Male, Conductor cross-section, max.: 10, turned, Copper alloy	
GTIN (EAN)	4008190474034		
Qty.	100 ST		